

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : Not known (continuation of 10/202,971) Confirmation No. Not known  
Applicant : Eslamy et al.  
Filed : September 22, 2003  
TC/A.U. : Not known  
Examiner : Not known  
  
Docket No. : P93D2-US  
Customer No. : 27521

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s).

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BEING PROVIDED IN THE PARENT APPLICATION, US SERIAL NO.  
10/202,971.** See 37 CFR § 1.98(d). The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under *37 C.F.R. §1.97*, subsection (b) because (check all that apply):

- (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage  
-- OR --
- (3) It is being filed before the mail date of the first Office Action on the merits  
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- (4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

*37 C.F.R. §1.97(c)*. If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:

- a statement as specified in §1.97(e) is provided below; **or**
- a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

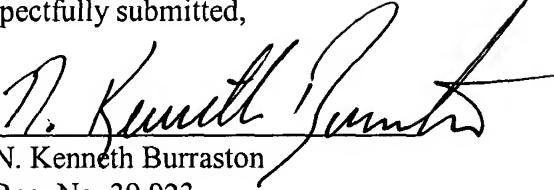
*37 C.F.R. §1.97(d)*. If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

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- B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

No fee is due.

A check in the amount of \$\_\_\_\_ is enclosed for the above fee.

Respectfully submitted,

By   
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Reg. No. 39,923

Date: September 22, 2003

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<i>Complete If Known</i>	
Sheet	1	of	5	Application Number	Not known (divisional of 10/202,971)
				Filing Date	September 22, 2003
				First Named Inventor	Eslamy et al.
				Group Art Unit	Not known
				Examiner Name	Not known
				Attorney Docket No.	P93D2-US

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
	1	3379937		Shepherd et al.	4/23/1968	
	2	3702982		Kelley et al.	11/14/1972	
	3	3781683		Freed	12/25/1973	
	4	3849728		Evans	11/19/1974	
	5	3963986		Morton et al.	6/15/1976	
	6	4032058		Riseman	6/28/1977	
	7	4087747		Deegen et al.	5/2/1978	
	8	4357062		Everett	11/2/1982	
	9	4508405		Damon et al	4/2/1985	
	10	4522893		Bohlen, et al	6/11/1985	
	11	4528500		Lightbody et al	7/9/1985	
	12	4553192		Babuka, et al	11/12/1985	
	13	4565314		Scholz	1/21/1986	
	14	4636722		Ardezzone	1/1/1987	
	15	4724383		Hart	2/9/1988	
	16	4740410		Muller, et al	4/26/1988	
	17	4811081		Lyden	3/7/1989	
	18	4837622		Whann et al.	6/6/1989	
	19	4899099		Mendenhall et al.	2/6/1990	
	20	4899106		Ogura	2/6/1990	
	21	4918032		Jain, et al	4/17/1990	
	22	4953834		Ebert, et al	9/4/1990	
	23	4965865		Trenary	10/23/1990	
	24	4972580		Nakamura	11/27/1990	
	25	4983907		Crowley	1/8/1991	

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	26	4998885		Beaman	3/12/1991	
	27	5172050		Swapp	12/15/1992	
	28	5175491		Ewers	12/29/1992	
	29	5187020		Kwon et al.	2/16/1993	
	30	5191708		Kasukabe et al.	3/9/1993	
	31	5210939		Mallik et al.	5/18/1993	
	32	5225777		Bross et al.	7/6/1993	
	33	5236118		Bower et al	8/17/1993	
	34	5276395		Malloy	1/4/1994	
	35	5278442		Prinz et al	1/11/1994	
	36	5311405		Tribbey et al.	5/10/1004	
	37	5312456		Reed, et al	5/17/1994	
	38	5373627		Grebe	12/20/1994	
	39	5393375		MacDonald, et al	2/28/1995	
	40	5395253		Crumly	3/7/1995	
	41	5418471		Kardos	5/23/1995	
	42	5422574		Kister	6/6/1995	
	43	5440231		Sugai	8/8/1995	
	44	5473510		Dozier II	12/5/1995	
	45	5476211		Khandros	12/19/1995	
	46	5476818		Yanof et al.	12/19/1995	
	47	5477160		Love	12/19/1995	
	48	5495667		Farnsworth et al.	3/5/1996	
	49	5534784		Lum	7/9/1996	
	50	5555422		Nakano	9/10/1996	

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	51	5569272		Reed	10/29/1996	
	52	5576630		Fujita	11/19/1996	
	53	5593322		Swamy et al.	1/14/1997	
	54	5601740		Eldridge et al	2/11/1997	
	55	5657207		Schreiber et al.	8/12/1997	
	56	5691650		Sugai	11/25/1997	
	57	5741144		Elco et al.	4/21/1998	
	58	5772451		Dozier, II et al.	6/30/1998	
	59	5786701		Pedder	7/28/1998	
	60	5806181		Khandros et al.	9/15/1998	
	61	5821763		Beaman	10/13/1998	
	62	5821763		Beaman et al.	10/13/1998	
	63	5829128		Eldridge et al.	11/3/1998	
	64	5832601		Eldridge et al.	11/10/1998	
	65	5864946		Eldridge et al.	2/2/1999	
	66	5914614		Beaman et al.	6/22/1999	
	67	5917707		Khandros et al.	6/29/1999	
	68	5920200		Pendse et al.	7/6/1999	
	69	5923178		Higgins et al.	7/13/1999	
	70	5974662		Eldridge et al.	11/2/1999	
	71	5994152		Khandros et al.	11/30/1999	
	72	5998864		Khandros et al.	12/7/1999	
	73	6008543		Iwabuchi	12/28/1999	
	74	6029344		Khandros et al.	2/29/2000	
	75	6050829		Eldridge et al.	4/18/2000	

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	76	6053395		Sasaki	4/25/2000	
	77	6064213		Khandros et al.	5/16/2000	
	78	6064213		Khandros et al.	5/16/2000	
	79	6110823		Eldridge et al.	8/29/2000	
	80	6174744	B1	Watanabe et al.	1/16/2001	
	81	6184053		Eldridge et al.	2/6/2001	
	82	6229324	B1	Akram et al.	5/8/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
	83	DE	4237591		Mang	11/5/1994		
	84	DE	19610123		Haueis et al.	10/23/1997		
	85	EP	61615		Byrnes et al.	10/6/1982		
	86	EP	369112		Mang	5/23/1990		
	87	EP	460822		Frankeny et al.	12/11/1991		
	88	JP	63-268285		Tomiyasu	11/4/1988		X
	89	JP	54-146581		Fujii	11/15/1979		X
	90	JP	2144869		Fujita	6/4/1990		X
	91	JP	6265575		Masamitsu et al.	9/22/1994		X
	92	WO	97/43656		Khandros et al.	11/20/1997		
	93	WO	97/43653		Khandros et al.	11/20/1997		
	94	WO	96/38858		Khandros et al.	12/5/1996		
	95	WO	98/21597		Charmant et al.	5/22/1998		
	96	WO	96/15458		Khandros et al.	5/23/1996		
	97	WO	91/12706		Leedy	8/22/1991		

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<b>OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS</b>				
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T <sup>2</sup>
	98	BURBANK et al, "Automatic Test Equipment Translator Board", IBM Technical Disclosure Bulletin, Vol.21, No.4, pp.1404-1405, September 1997.		
	99	EMSWORTH, "High Density Probe Assembly", Research Disclosure 2244 , No. 333, p. 33391, January 1993.		
	100	HUMENIK, "Flexible Probe Contact", IBM Technical Brochure, Vol. 22, No. 6, p.2286, (November 1979).		
	101	RENZ, U., "Multipoint Test Probe for Printed Cards", IBM Technical Disclosure Bulletin, Vol.17, No.2, pp.459-460, July 1974.		
	102	RENZ, U., "Test Probe Contact Grid Translator Board", IBM Technical Disclosure Bulletin, Vol.21, No.8, pp.3235-3236, January 1979.		
	103	SOEJIMA et al., "New Probe Microstructure For Full-Wafer Contact Probe Cards," 1999 Electronic Components and Technology Conference (1999 IEEE), pp. 1-6		

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